

Re-run

S.Liu



1653

RAW SEQUENCE LISTING

DATE: 05/06/2002

PATENT APPLICATION: US/09/813,345

TIME: 09:20:07

Input Set : A:\PTO.txt

Output Set: N:\CRF3\05062002\I813345.raw

SEQUENCE LISTING

ENTERED

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Smith, Derek D.

7 Saha, Shankar

8 Abel, Peter W.

10 (ii) TITLE OF INVENTION: PEPTIDE ANTAGONISTS OF CGRP-RECEPTOR

11 SUPERFAMILY AND METHODS OF USE

13 (iii) NUMBER OF SEQUENCES: 23

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Muetting, Raasch & Gebhardt, P.A.

17 (B) STREET: 119 North Fourth Street

18 (C) CITY: Minneapolis

19 (D) STATE: MN

20 (E) COUNTRY: USA

21 (F) ZIP: 55401

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk

25 (B) COMPUTER: IBM PC compatible

26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/09/813,345

C--> 31 (B) FILING DATE: 20-Mar-2001

32 (C) CLASSIFICATION:

34 (viii) ATTORNEY/AGENT INFORMATION:

35 (A) NAME: McCormack, Myra H

36 (B) REGISTRATION NUMBER: 36,602

37 (C) REFERENCE/DOCKET NUMBER: 180.00020101

39 (ix) TELECOMMUNICATION INFORMATION:

40 (A) TELEPHONE: 612/305-1220

41 (B) TELEFAX: 612/305-1228

44 (2) INFORMATION FOR SEQ ID NO: 1:

46 (i) SEQUENCE CHARACTERISTICS:

47 (A) LENGTH: 29 amino acids

48 (B) TYPE: amino acid

49 (C) STRANDEDNESS: single

50 (D) TOPOLOGY: linear

52 (ii) MOLECULE TYPE: peptide

57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

59 Thr His Arg Leu Ala Gly Leu Leu Ser Arg Ser Gly Gly Met Val Lys

60 1 5 10 15

62 Ser Asn Phe Val Pro Thr Asn Val Gly Ser Lys Ala Phe

63 20 25

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65 (2) INFORMATION FOR SEQ ID NO: 2:

67 (i) SEQUENCE CHARACTERISTICS:

68 (A) LENGTH: 30 amino acids

69 (B) TYPE: amino acid

70 (C) STRANDEDNESS: single

71 (D) TOPOLOGY: linear

73 (ii) MOLECULE TYPE: peptide

78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

80 Thr His Arg Leu Ala Gly Leu Leu Ser Arg Ser Gly Gly Met Val Lys

81 1 5 10 15

83 Ser Asn Phe Val Val Pro Thr Asn Val Gly Ser Lys Ala Phe

84 20 25 30

86 (2) INFORMATION FOR SEQ ID NO: 3:

88 (i) SEQUENCE CHARACTERISTICS:

89 (A) LENGTH: 37 amino acids

90 (B) TYPE: amino acid

91 (C) STRANDEDNESS: single

92 (D) TOPOLOGY: linear

94 (ii) MOLECULE TYPE: peptide

99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

101 Ala Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu

102 1 5 10 15

104 Ser Arg Ser Gly Gly Met Val Lys Ser Asn Phe Val Pro Thr Asn Val

105 20 25 30

109 Gly Ser Lys Ala Phe

110 35

112 (2) INFORMATION FOR SEQ ID NO: 4:

114 (i) SEQUENCE CHARACTERISTICS:

115 (A) LENGTH: 37 amino acids

116 (B) TYPE: amino acid

117 (C) STRANDEDNESS: single

118 (D) TOPOLOGY: linear

120 (ii) MOLECULE TYPE: peptide

125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

127 Ala Cys Asp Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu

128 1 5 10 15

130 Ser Arg Ser Gly Gly Val Val Lys Asn Asn Phe Val Pro Thr Asn Val

131 20 25 30

133 Gly Ser Lys Ala Phe

134 35

136 (2) INFORMATION FOR SEQ ID NO: 5:

138 (i) SEQUENCE CHARACTERISTICS:

139 (A) LENGTH: 37 amino acids

140 (B) TYPE: amino acid

141 (C) STRANDEDNESS: single

142 (D) TOPOLOGY: linear

144 (ii) MOLECULE TYPE: peptide

149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

151 Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu

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152      1          5          10          15
154      Ser Arg Ser Gly Gly Val Val Lys Asp Asn Phe Val Pro Thr Asn Val
155              20          25          30
157      Gly Ser Lys Ala Phe
158              35
160 (2) INFORMATION FOR SEQ ID NO: 6:
163      (i) SEQUENCE CHARACTERISTICS:
164          (A) LENGTH: 37 amino acids
165          (B) TYPE: amino acid
166          (C) STRANDEDNESS: single
167          (D) TOPOLOGY: linear
169      (ii) MOLECULE TYPE: peptide
174      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
176      Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
177      1          5          10          15
179      Ser Arg Ser Gly Gly Val Val Lys Asp Asn Phe Val Pro Thr Asn Val
180              20          25          30
182      Gly Ser Glu Ala Phe
183              35
185 (2) INFORMATION FOR SEQ ID NO: 7:
187      (i) SEQUENCE CHARACTERISTICS:
188          (A) LENGTH: 37 amino acids
189          (B) TYPE: amino acid
190          (C) STRANDEDNESS: single
191          (D) TOPOLOGY: linear
193      (ii) MOLECULE TYPE: peptide
198      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
200      Ala Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Asp Phe Leu
201      1          5          10          15
203      Ser Arg Ser Gly Gly Val Gly Lys Asn Asn Phe Val Pro Thr Asn Val
204              20          25          30
206      Gly Ser Lys Ala Phe
207              35
209 (2) INFORMATION FOR SEQ ID NO: 8:
211      (i) SEQUENCE CHARACTERISTICS:
212          (A) LENGTH: 37 amino acids
213          (B) TYPE: amino acid
214          (C) STRANDEDNESS: single
215          (D) TOPOLOGY: linear
217      (ii) MOLECULE TYPE: peptide
222      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
224      Gly Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
225      1          5          10          15
227      Ser Arg Ser Gly Gly Met Val Lys Ser Asn Phe Val Pro Thr Asn Val
228              20          25          30
230      Gly Ser Glu Ala Phe
231              35
233 (2) INFORMATION FOR SEQ ID NO: 9:
235      (i) SEQUENCE CHARACTERISTICS:

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236      (A) LENGTH: 37 amino acids
237      (B) TYPE: amino acid
238      (C) STRANDEDNESS: single
239      (D) TOPOLOGY: linear
241      (ii) MOLECULE TYPE: peptide
246      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
248      Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
249      1          5          10          15
251      Ser Arg Ser Gly Gly Met Val Lys Ser Asn Phe Val Pro Thr Asp Val
252      20          25          30
254      Gly Ser Glu Ala Phe
255      35
257 (2) INFORMATION FOR SEQ ID NO: 10:
259      (i) SEQUENCE CHARACTERISTICS:
260      (A) LENGTH: 37 amino acids
261      (B) TYPE: amino acid
262      (C) STRANDEDNESS: single
263      (D) TOPOLOGY: linear
265      (ii) MOLECULE TYPE: peptide
271      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
273      Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
274      1          5          10          15
276      Ser Arg Ser Gly Gly Val Val Lys Ser Asn Phe Val Pro Thr Asn Val
277      20          25          30
279      Gly Ser Gln Ala Phe
280      35
282 (2) INFORMATION FOR SEQ ID NO: 11:
284      (i) SEQUENCE CHARACTERISTICS:
285      (A) LENGTH: 37 amino acids
286      (B) TYPE: amino acid
287      (C) STRANDEDNESS: single
288      (D) TOPOLOGY: linear
290      (ii) MOLECULE TYPE: peptide
295      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
297      Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
298      1          5          10          15
300      Ser Arg Ser Gly Gly Val Val Lys Ser Asn Phe Val Pro Thr Asn Val
301      20          25          30
303      Gly Ser Glu Ala Phe
304      35
306 (2) INFORMATION FOR SEQ ID NO: 12:
308      (i) SEQUENCE CHARACTERISTICS:
309      (A) LENGTH: 37 amino acids
310      (B) TYPE: amino acid
311      (C) STRANDEDNESS: single
312      (D) TOPOLOGY: linear
314      (ii) MOLECULE TYPE: peptide
319      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
321      Ala Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Asp Phe Leu

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RAW SEQUENCE LISTING

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Input Set : A:\PTO.txt

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322      1          5          10          15
325      Asn Arg Ser Gly Gly Met Gly Asn Ser Asn Phe Val Pro Thr Asn Val
326              20          25          30
328      Gly Ala Lys Ala Phe
329              35
331 (2) INFORMATION FOR SEQ ID NO: 13:
333      (i) SEQUENCE CHARACTERISTICS:
334          (A) LENGTH: 37 amino acids
335          (B) TYPE: amino acid
336          (C) STRANDEDNESS: single
337          (D) TOPOLOGY: linear
339      (ii) MOLECULE TYPE: peptide
344      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
346      Ala Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Asp Phe Leu
347      1          5          10          15
349      Ser Arg Ser Gly Gly Met Ala Lys Asn Asn Phe Val Pro Thr Asn Val
350              20          25          30
352      Gly Ser Lys Ala Phe
353              35
355 (2) INFORMATION FOR SEQ ID NO: 14:
357      (i) SEQUENCE CHARACTERISTICS:
358          (A) LENGTH: 52 amino acids
359          (B) TYPE: amino acid
360          (C) STRANDEDNESS: single
361          (D) TOPOLOGY: linear
363      (ii) MOLECULE TYPE: peptide
368      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
370      Tyr Arg Gln Ser Met Asn Asn Phe Gln Gly Leu Arg Ser Phe Gly Cys
371      1          5          10          15
373      Arg Phe Gly Thr Cys Thr Val Gln Lys Leu Ala His Gln Ile Tyr Gln
374              20          25          30
376      Phe Thr Asp Lys Asp Lys Asp Asn Val Ala Pro Arg Ser Lys Ile Ser
377              35          40          45
379      Pro Gln Gly Tyr
380              50
382 (2) INFORMATION FOR SEQ ID NO: 15:
384      (i) SEQUENCE CHARACTERISTICS:
385          (A) LENGTH: 50 amino acids
386          (B) TYPE: amino acid
387          (C) STRANDEDNESS: single
388          (D) TOPOLOGY: linear
390      (ii) MOLECULE TYPE: peptide
395      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
397      Tyr Arg Gln Ser Met Asn Gln Gly Ser Arg Ser Thr Gly Cys Arg Phe
398      1          5          10          15
400      Gly Thr Cys Thr Met Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr
401              20          25          30
403      Asp Lys Asp Lys Asp Gly Met Ala Pro Arg Asn Lys Ile Ser Pro Gln
404              35          40          45

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/813,345

DATE: 05/06/2002

TIME: 09:20:08

Input Set : A:\PTO.txt

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L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]